

Message

From: Arnold, Elyssa [Arnold.Elyssa@epa.gov]
Sent: 8/21/2019 7:33:14 PM
To: Lin, James [lin.james@epa.gov]
CC: Blankinship, Amy [Blankinship.Amy@epa.gov]; Wente, Stephen [Wente.Stephen@epa.gov]
Subject: RE: Aldicarb DWLOC
Attachments: Guidance for Parameterizing EFED Aquatic Models for Seed Treatments and Granules 2019.pdf

Hi All,

In preparation for our meeting tomorrow, I want to highlight the paragraph below from the attached guidance. Given the specific label language for aldicarb (also below), I think this type of characterization would be useful.

Thanks,
Elyssa

Deliberative Process / Ex. 5

DIRECTIONS FOR USE

To provide maximum performance and to minimize hazard to birds, granules must be placed into bottom of furrow and immediately covered with soil by mechanical means. If granules are placed in the seed furrow at planting, seed and granules must be covered with 1-inch or more of soil. To ensure satisfactory germination and emergence make sure that seeds are planted at the proper depth for the planting conditions (soil type, soil moisture, soil temperature). For side-dress applications, granules should be placed in the bottom of the furrow and covered with 2 to 6 inches of soil. For all applications, cover or immediately soil incorporate granules spilled during loading, at row ends, or elsewhere to ensure the granules are completely covered with at least 2 to 4 inches of soil. When a range of rates are specified, use the higher rate if pest infestations are expected to be severe.

CITRUS (ORANGES, GRAPEFRUIT, LEMONS AND LIMES ONLY)

Crop & Time of Application	Pests Controlled	Pounds/Acre	Application Instructions
Citrus: oranges, grapefruit, lemons and limes only FL and TX only	Psyllid: Asian Citrus Psyllid (<i>Diaphorina citri</i>) Mites: Citrus Rust Citrus Red Texas Citrus Aphids Whiteflies Nematodes (suppression)	33 (18 to 25 ft row spacing)	Apply just prior to or during the spring flush of foliage growth in a band along the dripline on both sides of tree row. Apply granules in 3 to 6 furrows that are 2 to 3 inches deep and spaced on approximately 12-inch centers. Immediately cover with soil by mechanical means. The width of each band should equal 1/4 the tree row spacing. OR If trees are furrow irrigated, apply granules 2 to 3 inches deep in irrigation furrow using 2 shanks per furrow.
Immature Citrus Trees (1-2 years old): oranges, grapefruit, lemons and limes only FL and TX only		2.0 oz/tree	Apply granules in a furrow beside individual trees and cover with at least 2 inches of soil by mechanical means.

RESTRICTIONS FOR CITRUS

- For use in Florida and Texas only.
- Application of AGLOGIC 15GG to citrus must be made only with granular applicators which use Positive Displacement Metering Units.
- Cover or immediately deep-disk any granules spilled during loading, at row ends, or elsewhere to ensure the granules are completely covered with at least 2 to 4 inches of soil.
- The maximum single application rate is 33 pounds product (4.95 lbs a.i.) per acre per year.
- Do not make more than one application per tree per year.
- Do not allow livestock to graze in treated areas.
- Do not harvest lemons within 30 days of application.
- Application restrictions specific to Florida:
 - Apply only during the state-required Use Season, which is from November 15 through April 30 in accordance with the "Aldicarb Rule" - Section 5E-2.028 of the Florida Administrative Code (F.A.C.).
 - Do not apply within 300 feet of any drinking water well.
 - Do not apply within 1,000 feet of any drinking water well on any soil series identified by the USDA Natural Resources Conservation Service as a highly permeable well-drained soil such as (but not

limited to): Adamsville, Archbold, Astatula, Candler, Cassia, Lake, Neilhurst, Orsino, Palm Beach, Paola, Satellite, St. Lucie, and Tavares. The 1,000-foot setback requirement shall not apply to drinking water wells for which the permit applicant has furnished the Florida Department of Agriculture and Consumer Services with well construction documentation confirming that the well is continuously cased to a depth of at least 100 feet below the ground surface or at least to a minimum depth of 30 feet below the top of the shallowest water-producing zone recognized at the time of well construction.

- For additional information see the *Environmental Precautions and Soil Type Restriction Tables* in the AGLOGIC 15GG label and the "Aldicarb Rule" found in Florida Pesticide Law and Rules, Chapter 487 of the Florida Statutes, Section 5E-2.028 of the Florida Administrative Code.

From: Lin, James <lin.james@epa.gov>

Sent: Tuesday, August 06, 2019 8:20 AM

To: Arnold, Elyssa <Arnold.Elyssa@epa.gov>

Cc: Blankinship, Amy <Blankinship.Amy@epa.gov>; Wentte, Stephen <Wentte.Stephen@epa.gov>

Subject: RE: Aldicarb DWLOC

With citrus uses

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I will wait for Steve to double check the PWC runs.

Thanks much.

Jim

From: Arnold, Elyssa <Arnold.Elyssa@epa.gov>

Sent: Thursday, August 01, 2019 1:28 PM

To: Lin, James <lin.james@epa.gov>

Cc: Blankinship, Amy <Blankinship.Amy@epa.gov>; Wentte, Stephen <Wentte.Stephen@epa.gov>

Subject: Fwd: Aldicarb DWLOC

Begin forwarded message:

From: "Metzger, Michael" <Metzger.Michael@epa.gov>

Date: August 1, 2019 at 1:23:49 PM EDT

To: "Donovan, William" <donovan.william@epa.gov>, "Rate, Debra" <Rate.Debra@epa.gov>, "Arnold, Elyssa" <Arnold.Elyssa@epa.gov>, "Bartow, Susan" <Bartow.Susan@epa.gov>, "Blankinship, Amy" <Blankinship.Amy@epa.gov>, "Johnson, Marion" <Johnson.Marion@epa.gov>, "Javier, Julie" <Javier.Julie@epa.gov>

Subject: RE: Aldicarb DWLOC

Everyone – FYI. Mike

From: Donovan, William <donovan.william@epa.gov>

Sent: Thursday, August 01, 2019 1:11 PM

To: Rate, Debra <Rate.Debra@epa.gov>

Cc: Metzger, Michael <Metzger.Michael@epa.gov>

Subject: Aldicarb DWLOC

Hi Debra,

Sorry I had to miss yesterday's meeting. Mike asked me to send you the DWLOC for aldicarb. From the latest DEEM memo of late 2017, the DWLOC was 0.87 ppb. The uses included imported citrus, but no domestic uses of citrus. Adding domestic uses would result in lower DWLOCs. Please let me know if more information is needed. Thanks,

Will